

### Sensor Features:

- All gases and ranges available
- Can be used with all S4S Guardian® range of control panels or Customer preferred monitoring system
- Flexible output options
- Addressable 4~20mA mV Catalytic Bridge or Standalone
- Automatic diagnostic system surveillance and fault monitoring
- Optional data logging
- Optional alarm relays / back-lit status display
- Optional internal sample pump (50 metres)
- Robust and weatherproof



The enclosure has been designed to allow quick and easy access to its interior by adjustment of two allen screws, this factor is a major consideration when large system service and calibrations are being carried out.

The detector is robust and weatherproof with improved response times due to the four mounting spacers allowing increased air movement around the detector. These spacers also improve the mounting of the unit particularly on circular pillars. Standard 4~20ma signalling with CANbus address enables the sensors to be networked via the S4S Guardian® Plus or Lite control systems or customer preferred monitoring system.

### S4S GUARDIAN® - POINT SA

#### **Power Supply**

15 to 30VDC - 24VDC nominal

#### **Outputs**

3 wire - 4~20mA

4 wire - Canbus (S4S Guardian®)

3 wire - Catalytic Bridge

#### **Relays (optional)**

Low alarm S.P.C.O

High alarm S.P.C.O

Fault alarm S.P.C.O / over-range Rating 0.5A @30vDC

Inhibit option during servicing

#### **Display (optional)**

2 line alpha numeric backlit status display – gas type, concentration units, alarm levels, alarm status – low/high/overrange/inhibit/sensor ID

#### **Logging**

Addressable sensors only Intervals - variable time - roll over/stop

Storage - 2,880 readings

#### **Temperature**

-15°C to 55°C

#### **Humidity**

0 to 99% RH - non condensing

### JUNCTION BOX

Type - 30J safe area use only

Deep box (d) Shallow box (s)

Length 145mm Width 145mm

Depth 100mm (d) 65mm (s)

#### **Ingress Protection**

IP64

#### **Material**

ABS Flame Retardant FR40

Lid screws M4SS

#### **Finish**

Signal White ral 9003

#### **Weight**

380gms

#### **Entries**

Rear 5-20mm knock outs sides, top, bottom - not specified

#### **Mounting**

Standoffs - M4 or no 8 screws drill at (C) when standoffs removed

Conduit box - drill at (a) 4.5mm

Surface mount box - drill at (b) 4.5mm

#### **EU Design No.**

01359723-0001

### DETECTOR HEAD

Type – P1 safe area use

#### **Ingress Protection**

IP63, + Universal fitting IP65

#### **Material**

ABS - Black

#### **Sensor Insert - 4 series**

Electrochemical Cell

Pellistor

Infra-red

PID

#### **Range**

All gases and ranges available

#### **Accessories - Optional**

Collector Cone + Universal Fitting

Universal Fitting (test gas applicator/spray deflector)

Flow Block

Duct Mount Kit

Detector Head Weather Shield

NOTE: This datasheet is non-contractual

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